

CC598 Support Package Software Release Bulletin

Level 727

June, 1989

Introduction

This package contains one floppy disk (part number 10322177 Rev A) and this Software Release Bulletin. The floppy disk is a MS-DOS bootable disk containing Level 727 Console Software and the programs used to assemble and maintain the CC598A and CC598B System Consoles and the CC598C LCN Network Maintenance Station.

Disk Restructuring

With this release, the CC598 Console Software and the CC598 Utility disks have been merged together. There are no longer separate disks.

As part of this restructuring, prior to installing the new console software, the console's hard disk must be re-initialized using the Utility procedure, HDI. Refer to Re-Initializing the Hard Disk.

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New Console Software Features

Dual I4C Support has been added for the CYBER 962 or CYBER 992 mainframes. Included in this support is the loading of CTI into both IOUs on a deadstart; a maintenance load of CMSE into the secondary IOU; loading of the SCSI Adapter test, SAT4, into the secondary

(continued on page 2)

Conventions

- o The term 'console' refers to any model of the CC598.
- o When the word 'press' is used, it means for you to press the named key(s).
- o When the word 'press' precedes a string of key names that are separated by hyphens (e.g., Ctrl-Alt-Del), it means for you to press the keys simultaneously.
- o When the word 'type' is used, it means for you to type in the word following.

Problem Reporting

Problems should be reported on a PSR via SOLVER under the PSR Ident of CSW.

Duplication

This disk is restricted to usage by Control Data personnel. Duplication is not authorized.

Additional copies may be ordered from Software Manufacturing and Distribution.

Manual vs Bulletin

Where there is a difference between the information contained in this document and the 19003 System Console Operations and Maintenance Manual, the information contained here takes precedence.

Features continued

IOU; a long deadstart of both IOUs (executing LDS in each IOU) and access to CIP from the secondary IOU.

The **Communications Parameters** display has been enhanced to include an explanation of all commands used in the default modem initialization string.

The **IOU number** is now displayed when loading a program into the PP from the CC598A's hard disk.

A **New IOU/Peripheral Tests** menu has been added for selecting IOU and Peripheral tests to be loaded into the PP for execution. These tests reside on the console's hard disk and are loaded by the Console Software into the PP.

A **console based test, IT4**, for the 5698 Tape Subsystem has been developed. Refer to the CYBER Systems Peripheral Reference Manual for a description of this new test.

A **Tape to Disk** backup feature has been added to IUC as well as a new help display and enhanced detection and reporting of incorrectly mounted specified tapes.

Re-Initializing the Hard Disk

Control Data, Zenith Data Systems and Microsoft Corporation have reached an agreement whereby Control Data's Console project is authorized to distribute selected MS-DOS programs which are used on the consoles.

In order to reduce the problems associated with multiple versions of software and to take advantage of some new features, we are upgrading all consoles to MS-DOS 3.3 Plus with this release.

For this reason, consoles now running MS-DOS 3.2.1 must re-initialize their hard disks.

If your console was shipped with MS-DOS 3.3 Plus

already installed, it is not necessary to re-initialize your console's hard disk. Proceed to the section on Console Software Installation

If your console was shipped with MS-DOS 3.2.1 installed, you must re-initialize your hard disk before installing Level 727 Console Software.

To determine which version of MS-DOS was shipped with your console, examine the Zenith MS-DOS Distribution disks which were shipped with your console. The labels on these disks clearly indicate the MS-DOS version. If in doubt, re-initialize your hard disk.

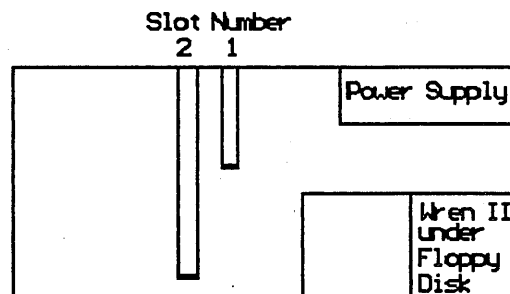
How to Initialize the Hard Disk

For those sites who need to initialize their console's hard disk follow the instructions given below.

If your console is a CC598A, first execute the Low Level Format procedure, LOW. Then execute the Hard Disk Initialization (HDI) procedure.

If your console is a CC598B or CC598C, before proceeding you must determine which Hard Disk Controller card is installed in your console.

Power off the console and remove the chassis cover. Locate the hard disk controller card as shown in the figure below. (Continued on page 3)

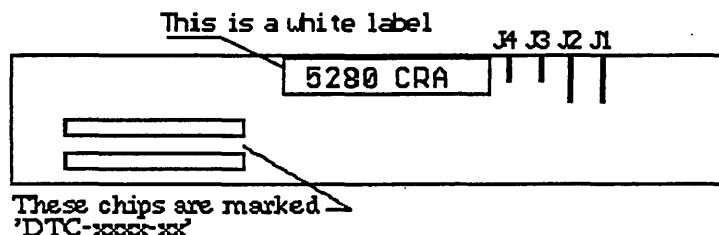


Slot 1 = I/O Card

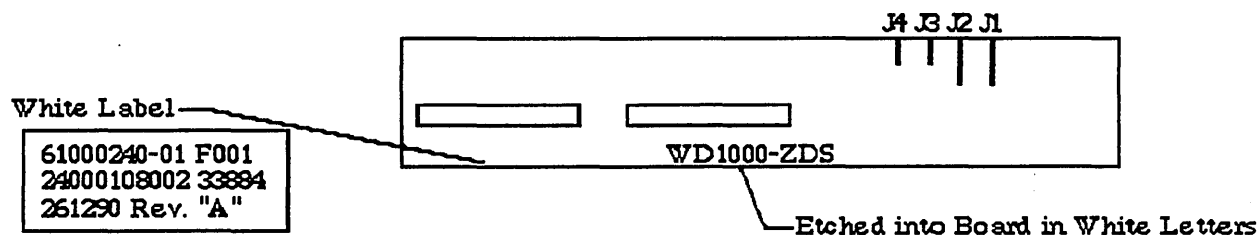
Slot 2 = Hard Disk Controller Card

Hard Disk Initialization continued

Examine the controller card to determine which Zenith vendor manufactured the card. If the card was manufactured by DTC, replace the cover and proceed to the section Hard Disk Initialization (HDI) procedure and follow the directions given there.



If the card was manufactured by Western Digital, you should replace the PC BIOS ROM before re-initializing the hard disk (see side article below). After replacing the BIOS ROM, proceed to the section Hard Disk Initialization (HDI) procedure and follow the directions given there.

**Multiple Vendors and New BIOS Roms**

Zenith has two suppliers for their hard disk controller cards, DTC and Western Digital. For a short period last year, our consoles were shipped with the Western Digital controller. With a Western Digital controller installed, it takes about four hours to low level format (PREP) the Wren II hard disk in the B and C consoles.

Zenith upgraded their BIOS ROM, reducing the 'PREP' time to thirty minutes with the Western Digital controller (the DTC controller takes about that long). We have new ROM chips, Version 2.6E, for those sites with the Western Digital controller installed. To order a new ROM contact the Console Release Manager.

Console Release Manager ARH245
Control Data Corporation
4201 N. Lexington Avenue
St. Paul Mn 55126
(612) 482-2512 CN 235-2512

If your site needs to immediately upgrade to Level 727 and can not wait for the new ROM, you can install the console software without re-initializing the hard disk by following the 'INSTALL' instructions. Then order the ROM.

How to Boot the Console

With power applied to the console, insert the Support disk into the floppy drive and latch the door.

Simultaneously press the *Ctrl-Alt-Ins* keys. The console will display:

```
MFM-200 Monitor, Version X.X
Memory Size: 640K Bytes
Enter ? for help
->
```

Type *BF* and press the *ENTER* key. The following screen will appear.

CC598 Support Package

Refer to the documentation accompanying this disk for usage information.

Quick Reference:

Console Software Installation - Type *INSTALL*
Hard Disk Initialization - Type *HDI*
Wren III Low Level Format - Type *LOW*
Hostess Diagnostics - Type *HOST*
Advanced Emulation Package - Type *AEP*

All entries must be followed by press the *ENTER* key

Enter the command for the procedure that you wish to execute. After entering the procedure command, a set of instructions will be displayed on the screen. Follow these instructions.

NOTE: If your console is a B or C model and you have replaced the hard disk, disregard the 'controller is bad' error message when first applying power to the console before executing the *HDI* procedure.

Procedure **Console Software Installation**

To install the Console Software on the hard disk, type *INSTALL* and press the *ENTER* key.

When the CDC Logo appears on the screen, the installation is complete.

NOTE: If an IOU is not attached to the console, an error message is displayed. This is normal.

Procedure Hard Disk Initialization



WARNING

Prior to executing this procedure, examine the System Configuration information. Refer to the section on System Hardware Setup.

This procedure will destroy all data on the hard disk!

To execute the Hard Disk Initialization, type *HDI* and press the *ENTER* key. The following informational display will be presented.

Hard Disk Initialization Procedures for the CC598-A/B/C Consoles

The CC598 console requires a two part process in order to prepare the disk.

A re-boot is required between the parts. To re-boot press the Ctrl-Alt-Ins keys.

When you are ready, press any key for the detailed instructions. The screen shown below will appear.

Hard Disk Initialization Procedures for the CC598-A/B/C Consoles

Part One:

For a CC598A type "A1" Then follow the instructions in the Software Release Bulletin accompanying this disk.

For a CC598B/C Console type "B1"

Part Two:

For a CC598A Console Type "A2"

For a CC598B Console Type "B2"

For a CC598C Console Type "C2"

Select the procedure for your console model and type the command for the part that you are going to execute. All parts must be executed and be executed in order. If your

console is a B or C model, disregard the 'not a bootable partition' error message after executing Part 1.

Procedure Wren III Low Level Format

There are no specific ground rules for when this procedure should be executed. Think of the Low Level format the same way that you think of formatting a CYBER disk and use it accordingly. Generally speaking, try this procedure on the disk prior to replacing it. It may fix the problem.



WARNING

This procedure performs a low level format on the Wren III. All information stored on or about the disk is lost.

The hard disk must be initialized using HDI after executing this procedure.

To execute the Wren III Low Level Format procedure, type **LOW** and press the **ENTER** key. The following informational screen will be presented.

Wren III Low Level Format Routine

This procedure performs a low level format on the Wren III. All information stored on or about the disk is lost.

Note: The light on the Wren III will not be on during this operation. DO NOT interrupt the formatting operation or the console will be unusable.

Press any key to start the format. The following format display will appear on the screen.

Version 2.13 - 9 November 1987

Controller is Generic

Base I/O Port Address is: 330

DMA Channel is: 1

Common Command Set Enabled

1 port: 340h

2 rt10-at

3 dma:hsdma

RT10-AT Adapter Assumed

4 dmachan: 5

5 tfr

tdr CDB is 00 00 00 00 00 00

Status: 00H

6 fd

fd CDB is 04 00 00 00 00 00

The following display will appear when the formatting is complete.

Common Command Set Enabled

1 port: 340h

2 rt10-at

3 dma:hsdma

RT10-AT Adapter Assumed

4 dmachan: 5

5 tfr

tdr CDB is 00 00 00 00 00 00

Status: 00H

6 fd

fd CDB is 04 00 00 00 00 00

Data Written:

Status: 00H

7 quit

A>

Procedure

Hostess Diagnostics

To execute the Hostess Network Adapter diagnostics, type **HOST** and press the **ENTER** key.

Enter the following information as prompted by the diagnostic.

Hostess board base address:	Enter 140
System Clock Speed:	Select 2
Number of Ports:	Enter 8

As the diagnostic runs, you will be directed to install the test plug that is included in the Multiport Adapter package. Install the test plug on port as you are directed.

Note: For additional information and explanations of any error message displayed, refer to the HOSTESS Multiport Network Adapter User's Guide which was shipped with your console.

Utility Disk Directory Structure

The disk is divided into five directories. Each directory contains the software necessary to perform a unique function. The five directories are:

BIN: The BIN directory contains MS-DOS programs that are common to all of the procedures.

HDI: The HDI directory contains the procedures used to initialize the hard disks in the consoles.

LOW: The LOW directory contains the software and procedures necessary to perform a low level format on the CC598A's Wren III SCSI hard disk.

HOST: The HOST directory contains a copy of the HOSTESS diagnostics for the HOSTESS Multiport Network Adapter used in the CC598A and CC598B consoles.

CSW: The CSW directory contains the CC598A and CC598B Console Software.

Procedure System Hardware Setup

The following steps describe how to reboot and reconfigure the console.

With power applied to the console, insert the Utility disk into the floppy drive and latch the door.

Simultaneously press the *Ctrl-Alt-Ins* keys. The console will display:

```
MFM-200 Monitor, Version X.X
Memory Size: 640K Bytes
Enter ? for help
->
```

Type **SETUP** and press the **ENTER** key.

Depending on your console type, one of the following displays will appear. Use the arrow keys to move the cursor, the space/backspace to select the values and the ESC key to exit when you are done. After pressing the ESC key, follow the directions shown at the bottom of the display.

System Hardware Setup/Configuration Program			
Time: 01:01:00		Operating Speed: Slow FAST Smart	
Date: 06/16/89		Hard Disk Drive 0: -NOT PRESENT-	
	BASE	EXTENDED	EMS
Main RAM:	640K	0K	256K
Add-On RAM:	0K	0K	—
Total:	640K	0K	—
Floppy Drive 0: 5-1/4" 1.2M			
Floppy Drive 1: -Not Present-			
Boot Drive: FLOPPY DISK DRIVE 0			
Serial Port 1 (COM1): ENABLE			
Serial Port 2 (COM2): ENABLE			
Video Display: ENHANCED GRAPHICS			
Video Refresh Rate: 50Hz 60Hz			
Enter Current Time as HH:MM:SS: in 24 Hour Format Use space/backspace to select values, Arrows to move, ESC when done			
Media Type: N/A			
Cylinders:	Heads:		
Ship Zone:	Sectors:		
Precomp:	Capacity:		
Media Type: N/A			
Cylinders:	Heads:		
Ship Zone:	Sectors:		
Precomp:	Capacity:		

This figure is the Configuration for the CC598A console.

NOTE: The -Not Present- Indication shown here for Hard Disk Drive 0 is normal, since the CC598A console uses a SCSI drive.

System Hardware Setup/Configuration Program

Time: 01:01:00 Date: 06/16/89 <table border="0" style="width: 100%;"><thead><tr><th></th><th>BASE</th><th>EXTENDED</th><th>EMS</th></tr></thead><tbody><tr><td>Main RAM:</td><td>640K</td><td>0K</td><td>256K</td></tr><tr><td>Add-On RAM:</td><td>0K</td><td>0K</td><td>—</td></tr><tr><td>Total:</td><td>640K</td><td>0K</td><td>—</td></tr></tbody></table> Floppy Drive 0: 5-1/4" 1.2M Floppy Drive 1: -Not Present- Boot Drive: . HARD DISK DRIVE 0 Serial Port 1 (COM1): ENABLE Serial Port 2 (COM2): ENALBE Video Display: ENHANCED GRAPHICS Video Refresh Rate: 50hz 60hz		BASE	EXTENDED	EMS	Main RAM:	640K	0K	256K	Add-On RAM:	0K	0K	—	Total:	640K	0K	—	Operating Speeds: Slow FAST Smart Hard Disk Drive 0: DRIVE TYPE 43 <table border="1" style="width: 100%;"><thead><tr><th colspan="2">Media Type: N/A</th></tr></thead><tbody><tr><td>Cylinders: 989</td><td>Heads: 5</td></tr><tr><td>Ship Zone: 988</td><td>Sectors: 17</td></tr><tr><td>Precomp: 0</td><td>Capacity: 43M</td></tr></tbody></table> Hard Disk Drive 1: -Not Present- <table border="1" style="width: 100%;"><thead><tr><th colspan="2">Media Type: N/A</th></tr></thead><tbody><tr><td>Cylinders:</td><td>Heads:</td></tr><tr><td>Ship Zone:</td><td>Sectors:</td></tr><tr><td>Precomp:</td><td>Capacity:</td></tr></tbody></table>	Media Type: N/A		Cylinders: 989	Heads: 5	Ship Zone: 988	Sectors: 17	Precomp: 0	Capacity: 43M	Media Type: N/A		Cylinders:	Heads:	Ship Zone:	Sectors:	Precomp:	Capacity:
	BASE	EXTENDED	EMS																														
Main RAM:	640K	0K	256K																														
Add-On RAM:	0K	0K	—																														
Total:	640K	0K	—																														
Media Type: N/A																																	
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Media Type: N/A																																	
Cylinders:	Heads:																																
Ship Zone:	Sectors:																																
Precomp:	Capacity:																																

Enter Current Time as HH:MM:SS: in 24 Hour Format
Use space/backspace to select values, Arrows to move, ESC when done

This figure is the Configuration for the CC598B and CC598C consoles.

NOTE: The displays shown are generic. The location of the items may be different on your console. This is due to the different revision levels of the BIOS ROM installed in the consoles. However, make certain that the highlighted items in these displays match what is selected on your console.

CC598A HDI Part 1 Instructions

Introduction This procedure partitions the hard disk into three CIP partitions. The MS-DOS utility, PART, is used to accomplish the partitioning. This utility is graphic/windows oriented. Therefore, most of the displays are windowed inside of each other.

Execution After typing 'AI' from the HDI display, the following screen will appear.

Part - Hard Disk Partitioning Utility
Copyright (c) 1989, Zenith Data Systems Corporation

The part utility helps you to change the arrangement of the MS-DOS Partitions on your hard disk drive. PART displays a table showing the types of each partition, the start cylinder, the end cylinder and the amount of disk space allocated to each partition.

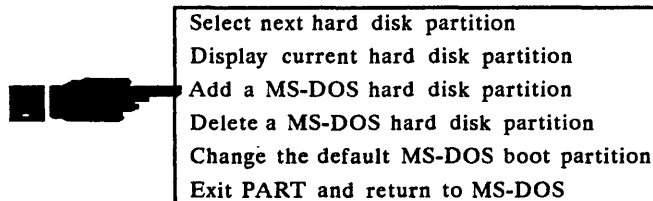
CAUTION: Using PART can destroy all files on your hard disk drive. Do not use PART until you have transferred copies of your hard disk files to floppy disks.

Press ENTER or ESC to continue...

Press the ENTER key The display will be replaced with the following display. This display is the main display and is active during the remainder of this procedure. Additions will be made to this display as we proceed.

PART - Hard Disk Partitioning Utility
Copyright (c) 1989, Zenith Data Systems Corporation
Version 3.30.06

Current hard disk unit selected (logical/physical) = 1 (80h)
Current Boot partition = NONE, Maximin Cyl/Heads/Sectors = 982/ 7/ 26



Select next hard disk partition
Display current hard disk partition
Add a MS-DOS hard disk partition
Delete a MS-DOS hard disk partition
Change the default MS-DOS boot partition
Exit PART and return to MS-DOS

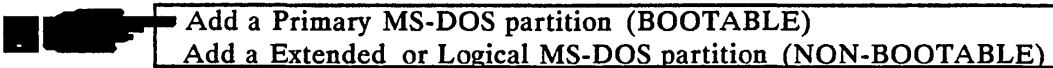
Move to selection with arrow keys, press ENTER to Select or ESC to Quit

Main Display

Press the DOWN ARROW key You will notice that the 'Select next hard disk unit' option is highlighted. Press the down arrow key until the 'Add a MS-DOS hard disk partition' option is highlighted.

HDI Part 1 Instructions continued

Press the ENTER key Pressing the ENTER key selects the 'Add a MS-DOS hard disk partition' option and causes the following window to open.

A screenshot of a text-based menu. It shows two options: "Add a Primary MS-DOS partition (BOOTABLE)" and "Add a Extended or Logical MS-DOS partition (NON-BOOTABLE)". The first option is highlighted with a solid black bar to its left.

■ Add a Primary MS-DOS partition (BOOTABLE)
Add a Extended or Logical MS-DOS partition (NON-BOOTABLE)

Press the ENTER key The 'Add a Primary MS-DOS partition (BOOTABLE)' option is highlighted. Pressing the ENTER key selects this option and causes the following window to open.

Enter size of new PRIMARY partition in cylinders or ESC to Quit [982]

Enter 360 This is the number of cylinders for the first partition. The window will change to:

Enter size of new PRIMARY partition in cylinders or ESC to Quit [360]

Press the ENTER key Pressing the ENTER key causes the first partition to be 360 cylinders. The screen will return to the main display as shown on page 10.

Press the DOWN ARROW key You will notice that the 'Select next hard disk unit' option is highlighted. Press the DOWN ARROW key until the 'Add a MS-DOS hard disk partition' option is highlighted.

Press the ENTER key Pressing the ENTER key selects the 'Add a MS-DOS hard disk partition' option and causes the following window to open:

A screenshot of a text-based menu, identical to the one above. It shows two options: "Add a Primary MS-DOS partition (BOOTABLE)" and "Add a Extended or Logical MS-DOS partition (NON-BOOTABLE)". The first option is highlighted with a solid black bar to its left.

■ Add a Primary MS-DOS partition (BOOTABLE)
Add a Extended or Logical MS-DOS partition (NON-BOOTABLE)

Press the ENTER key The 'Add a Primary MS-DOS partition (BOOTABLE)' option is highlighted. Pressing the ENTER key selects this options and causes the following window to open:

Enter size of new PRIMARY partition in cylinders or ESC to Quit [622]

Enter 311 This the numbers of cylinders for the second partition. The window will change to:

Enter size of new PRIMARY partition in cylinders or ESC to Quit [311]

Press the ENTER key Pressing the ENTER key causes the second partition to be 311 cylinders. The screen will return to the main display as shown on page 10.

Press the DOWN ARROW key You will notice that the 'Select next hard disk unit' option is highlighted. Press the DOWN ARROW key until the 'Add a MS-DOS hard disk partition' option is highlighted.

HDI Part 1 Instructions continued

Press the ENTER key Pressing the ENTER key selects the 'Add a MS-DOS hard disk partition' option and causes the following window to open:

 Add a Primary MS-DOS partition (BOOTABLE)
Add a Extended or Logical MS-DOS partition (NON-BOOTABLE)

Press the ENTER key Pressing the ENTER key selects this option and causes the following window to open:

Enter size of new Primary partition in cylinders or ESC to Quit [311] 

Press the ENTER key Pressing the ENTER key causes the third partition to be 311 cylinders. The screen will return to the main display as shown on page 10.

Press the DOWN ARROW key You will notice that the 'Select next hard disk unit' option is highlighted. Press the DOWN ARROW key until the 'Change the Default MS-DOS Boot partition' option is highlighted.

Press the ENTER key Pressing the ENTER key selects the 'Change default MS-DOS boot partition' option and causes the following window to open:

Select next hard disk unit					
Partition	Start	End	Cyls	Size(Mb)	
1) DOS(16)	0	359	360	33.53	
2) DOS(16)	360	670	311	28.98	
3) DOS(16)	671	981	311	28.98	
4) Un-used					
No default BOOT partition					

Press the ENTER key You will notice that the first line of the window, 1) DOS(16)...., is highlighted. By pressing the ENTER key, this partition is selected as the boot partition.

PART - Hard Disk Partitioning Utility
Copyright (c) 1989, Zenith Data Systems Corporation
Version 3.30.06



Current hard disk unit selected (logical/physical) = 1 (80h)
Current Boot partition = 1, Maximin Cyl/Heads/Sectors = 982/7/26

Select next hard disk partition
Display current hard disk partition
Add a MS-DOS hard disk partition
Delete a MS-DOS hard disk partition
Change the default MS-DOS boot partition
Exit PART and return to MS-DOS

Move to selection with arrow keys, press ENTER to Select or ESC to Quit

HDI Part 1 Instructions continued

Examine the display Notice that the 'Current Boot Partition = None' has changed to 'Current Boot Partition = 1'

Verification The following sequence is used to verify that the partitioning was successful.

Press the DOWN ARROW key Press the DOWN ARROW key until the 'Display current hard disk partition' option is highlighted.

Press the ENTER key Pressing the ENTER key selects the options and causes the following window to open:

Select next hard disk unit					
Partition	Start	End	Cyls	Size(Mb)	
1) DOS(16)	0	359	360	33.53	
2) DOS(16)	360	670	311	28.98	
3) DOS(16)	671	981	311	28.98	
4) Un-used					

Press the ENTER key Before pressing the ENTER key. Make sure that the display on the screen matches the screen shown above. Whether correct or incorrect, you must press the ENTER key to proceed.

If Correct...

Press the DOWN ARROW key Press the DOWN ARROW key until the 'Make change and REBOOT the system' option is highlighted.

Press the ENTER key Pressing the ENTER key selects the option and causes the following window to open:

Are you sure that you want to (Y/N) :

Press the Y key After pressing the Y key, the system will reboot. Proceed to HDI Part 2 on page 5.

If all is NOT Correct...

Press the DOWN ARROW key Press the DOWN ARROW key until the 'Abort all changes and EXIT to MS-DOS' option is highlighted.

Press the ENTER key Pressing the ENTER key selects the option and causes the window shown on the next page to open.

HDI Part 1 Instructions continued

Are you sure that you want to Quit (Y/N) :

Press the Y key After pressing the Y key, the system will return to the A> prompt. Since you aborted the PART utility, no changes have been made to the hard disk. To continue, start the HDI procedure over again by pressing the Ctrl-Alt-Del key.

NOTE: The PART utility records information on the hard disk. If you execute this utility and find out later that something is incorrect, you must run the procedure LOW before attempting to re-execute this procedure.

Manual Changes

The following are changes to the CDC 19003 System Console Operations and Maintenance Guide, 60463610, which missed the Revision F print cutoff date.

Page 1-4 Enable/Disable Remote Link

The first bullet incorrectly states that the remote link is disabled after 10,20,60 or 120 minutes if no activity is detected after the enable. It should read after 20,60 or 120 minutes.

Page 2-30 Modify Remote Access Password (R)

The last paragraph on this page should read: The ESC key is used to return to the Console Utilities display without changing the password. The system displays the following:

Modify Remote Access Password

The remote access password controls who can access the console via the remote link. The remote access password consists of a maximum of 15 alphanumeric characters.

Enter "NULL" to disable remote access password validation.

Enter new remote access password:

ESC: Do not update password, return to Console Utilities Display

Page 2-31 Modify Remote Access Password (R)

The second paragraph on this page should read: After the RETURN key is pressed, the following menu appears:

Modify Remote Access Password

You must verify that you remember the new remote access password by entering it for a second time before it can be changed. If you are unable to verify the password, the process will be repeated from the beginning.

Verify new remote access password:

ESC: Do not update password, return to Console Utilities Display

Manual Changes continued

The fourth paragraph on this page should read: If you gave different responses to the password prompts, the following is displayed and you must start over.

Modify Remote Access Password

The password verification was not successful. The password was not changed. Please try again.

The remote access password controls who can access the console via the remote link. The remote access password consists of a maximum of 15 alphanumeric characters.

Enter "NULL" to disable remote access password validation.

Enter new remote access password:

ESC: Do not update password, return to Console Utilities Display

Page 2-31 Modify Console Password (P)

The following note should be added after the heading: NOTE: This is a privileged console function. If the console password is not the NULL password, the operator is required to input the password before being allowed to perform this operation.

The fourth paragraph under this heading should read: The ESC key is used to return to the Console Utilities display. The system displays the following:

Modify Console Password

The console password controls who can perform privileged console operations such as changing the remote access password. The console password consists of a maximum of 15 alphanumeric characters.

Enter "NULL" to disable console password validation.

Enter new console password:

ESC: Do not update password, return to Console Utilities Display

The fifth paragraph should be deleted (The system console ACTIVITY message line displays: Enter new console password).

Manual Changes continued**Page 2-31 Modify Console Password (P)**

The seventh paragraph under this heading should read: After the ENTER key is pressed, the following appears:

Modify Console Password

You must verify that you remember the new console password by entering it for a second time before it can be changed. If you are unable to verify the password, the process will be repeated from the beginning.

Verify new console password:

ESC: Do not update password, return to Consoles Utilities Display.

The last paragraph on this page should read: If you gave different responses to the password prompts, the following appears:

Modify Console Password

The password verification was not successful. The password was not changed. Please try again.

The console password controls who can perform privileged console operations such as changing the remote access password. The console password consists of a maximum of 15 alphanumeric characters.

Enter "NULL" to disable console password validation:

Enter new console password:

ESC: Do not update password, return to Console Utilities Display

Manual Changes continued**Page 2-33 Figure 2-26 Set Communications Parameters**

The figure should be replaced with the following figure.

SET COMMUNICATIONS PARAMETERS			
Baud Rate:	1200	2400	4800 9600
Parity:	NONE	ODD	EVEN
Word Length:	7	8	
Stop Bits:	1	2	
Modem Initialization String: ATE0Q1&E1S0=0S2=127A			
AT-Attention, E0-Disable ECHO, Q1-Disable Result Code &E1-Auto Reliable, S0=0-Disable Auto Answer S2=127-No Escape Code Char, A-Force Answer Mode			
Move cursor up one line		Move cursor down one line	
Move cursor to next option		Move cursor to last option	
Enter: Save changes, return to Console Utilities Display			
ESC: Do not save changes, return to Console Utilities Display			

Page 3-3 Reinstalling/Updating System Console Software

Follow the instructions given in the Release Bulletin (page 4) when reinstalling or updating the Console Software.